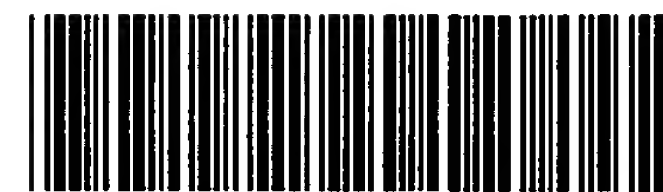


H18

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TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:15

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

4 <110> APPLICANT: Kim, Jin-Soo
 5 Kwon, Young Do
 6 Kim, Hyun-Won
 7 Ryu, Eun-Hyun
 8 Hwang, Moon-Sun
 10 <120> TITLE OF INVENTION: ZINC FINGER DOMAINS AND METHODS OF
 11 IDENTIFYING SAME
 13 <130> FILE REFERENCE: 12279-002001
 15 <140> CURRENT APPLICATION NUMBER: 09/785,632C
 16 <141> CURRENT FILING DATE: 2001-02-16
 18 <160> NUMBER OF SEQ ID NOS: 180
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 10
 24 <212> TYPE: DNA
 25 <213> ORGANISM: HIV-1
 27 <400> SEQUENCE: 1
 28 gacatcgagc
 30 <210> SEQ ID NO: 2
 31 <211> LENGTH: 10
 32 <212> TYPE: DNA
 33 <213> ORGANISM: HIV-1
 35 <400> SEQUENCE: 2
 36 gcagctgctt
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 10
 40 <212> TYPE: DNA
 41 <213> ORGANISM: HIV-1
 43 <400> SEQUENCE: 3
 44 gctggggact
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 10
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Homo sapiens
 51 <400> SEQUENCE: 4
 52 aggggtggagt
 54 <210> SEQ ID NO: 5
 55 <211> LENGTH: 10
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 5
 60 gctgagacat
 62 <210> SEQ ID NO: 6

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RAW SEQUENCE LISTING

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:15

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

63 <211> LENGTH: 47
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Artificial Sequence
 67 <220> FEATURE:
 68 <223> OTHER INFORMATION: optimal binding site
 70 <400> SEQUENCE: 6
 71 ccggcgtggg cggctgcgtg ggcgtgcgtg ggcggactgc gtgggcg 47
 73 <210> SEQ ID NO: 7
 74 <211> LENGTH: 47
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: optimal binding site
 81 <400> SEQUENCE: 7
 82 tcgacgccc a cgcagtcgc ccacgcacgc ccacgcagcc gcccacg 47
 84 <210> SEQ ID NO: 8
 85 <211> LENGTH: 49
 86 <212> TYPE: DNA
 87 <213> ORGANISM: HIV-1
 89 <400> SEQUENCE: 8
 90 ccggcgagcg ggcggtcgag cgggcgtgag cgggcggatc gagcgggcg 49
 92 <210> SEQ ID NO: 9
 93 <211> LENGTH: 49
 94 <212> TYPE: DNA
 95 <213> ORGANISM: HIV-1
 97 <400> SEQUENCE: 9
 98 tcgacgccc ctcgatccgc ccgctcacgc ccgctcgacc gcccgctcg 49
 100 <210> SEQ ID NO: 10
 101 <211> LENGTH: 50
 102 <212> TYPE: DNA
 103 <213> ORGANISM: HIV-1
 105 <400> SEQUENCE: 10
 106 ccggtgctt gggcggtgc ttgggcgtgc ttgggcgggc tgcttgggcg 50
 108 <210> SEQ ID NO: 11
 109 <211> LENGTH: 50
 110 <212> TYPE: DNA
 111 <213> ORGANISM: HIV-1
 113 <400> SEQUENCE: 11
 114 tcgacgccc agcagcccgc ccaagcacgc ccaagcagcc gcccaagcag 50
 116 <210> SEQ ID NO: 12
 117 <211> LENGTH: 47
 118 <212> TYPE: DNA
 119 <213> ORGANISM: HIV-1
 121 <400> SEQUENCE: 12
 122 ccggactggg cgggggactg ggcgtgactg ggcggaggga ctgggcg 47
 124 <210> SEQ ID NO: 13
 125 <211> LENGTH: 47
 126 <212> TYPE: DNA
 127 <213> ORGANISM: HIV-1

RAW SEQUENCE LISTING

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:15

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

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129 <400> SEQUENCE: 13
130 tcgacgcccga gtccctccgc ccagtcacgc ccagtccccc gccagtc          47
132 <210> SEQ ID NO: 14
133 <211> LENGTH: 47
134 <212> TYPE: DNA
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 14
138 ccggagtgagg cggtggagtg ggcgtgagtg ggcggatgga gtggggcg          47
140 <210> SEQ ID NO: 15
141 <211> LENGTH: 47
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <400> SEQUENCE: 15
146 tcgacgcccga ctccatccgc ccactcacgc ccactccacc gccact          47
148 <210> SEQ ID NO: 16
149 <211> LENGTH: 48
150 <212> TYPE: DNA
151 <213> ORGANISM: Homo sapiens
153 <400> SEQUENCE: 16
154 ccggacatgg gcggagacat gggcgtagat gggcggaaga catggggcg          48
156 <210> SEQ ID NO: 17
157 <211> LENGTH: 48
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 17
162 tcgacgcccga tgtcttccgc ccatgtacgc ccatgtctcc gcccatgt          48
164 <210> SEQ ID NO: 18
165 <211> LENGTH: 42
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: plasmid sequence
W--> 172 <221> NAME/KEY: CDS
173 <222> LOCATION: (1)...(42)
W--> 175 <400> 18
176 aaa gag ggt ggg tcg acc ttc cgg act ggc cag gaa cgc cca          42
177 Lys Glu Gly Gly Ser Thr Phe Arg Thr Gly Gln Glu Arg Pro
178 1          5          10
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 14
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: plasmid sequence
188 <400> SEQUENCE: 19
189 Lys Glu Gly Gly Ser Thr Phe Arg Thr Gly Gln Glu Arg Pro
190 1          5          10
192 <210> SEQ ID NO: 20
193 <211> LENGTH: 303

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RAW SEQUENCE LISTING

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TIME: 13:27:15

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

```

194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: plasmid sequence
W--> 200 <221> NAME/KEY: CDS
201 <222> LOCATION: (25)...(291)
W--> 203 <400> 20
204 gggtcgacct tccggactgg ccag gaa cgc cca tat gct tgc cct gtc gag      51
205                               Glu Arg Pro Tyr Ala Cys Pro Val Glu
206                               1                               5
208 tcc tgc gat cgc cgc ttt tct cgc tcg gat gag ctt acc cgc cat atc      99
209 Ser Cys Asp Arg Arg Phe Ser Arg Ser Asp Glu Leu Thr Arg His Ile
210 10                               15                               20                               25
212 cgc atc cac act ggc cag aag ccc ttc cag tgt cga atc tgc atg cgt      147
213 Arg Ile His Thr Gly Gln Lys Pro Phe Gln Cys Arg Ile Cys Met Arg
214                               30                               35                               40
216 aac ttc agt cgt agt gac cac ctt acc acc cac atc cgg acc cac acc      195
217 Asn Phe Ser Arg Ser Asp His Leu Thr Thr His Ile Arg Thr His Thr
218                               45                               50                               55
220 ggc gag aag cct ttt gcc tgt gac att tgt ggg agg aag ttt gcc agg      243
221 Gly Glu Lys Pro Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Arg
222                               60                               65                               70
224 agt gat gaa cgc aag agg cat acc aaa atc cat tta aga cag aag gat      291
225 Ser Asp Glu Arg Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp
226                               75                               80                               85
228 ccgcgggaat cc      303
230 <210> SEQ ID NO: 21
231 <211> LENGTH: 89
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: plasmid sequence
238 <400> SEQUENCE: 21
239 Glu Arg Pro Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser
240 1                               5                               10                               15
241 Arg Ser Asp Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys
242                               20                               25                               30
243 Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His
244                               35                               40                               45
245 Leu Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro Phe Ala Cys
246                               50                               55                               60
247 Asp Ile Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg Lys Arg His
248 65                               70                               75                               80
249 Thr Lys Ile His Leu Arg Gln Lys Asp
250                               85
252 <210> SEQ ID NO: 22
253 <211> LENGTH: 69
254 <212> TYPE: DNA
255 <213> ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:15

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

```

257 <400> SEQUENCE: 22
258 tataaatgta agcaatgtgg gaaagctttt ggatgtccct caaaccttcg aaggcatgga      60
259 aggactcac                                                                69
261 <210> SEQ ID NO: 23
262 <211> LENGTH: 23
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <400> SEQUENCE: 23
267 Tyr Lys Cys Lys Gln Cys Gly Lys Ala Phe Gly Cys Pro Ser Asn Leu
268   1             5             10             15
269 Arg Arg His Gly Arg Thr His
270           20
272 <210> SEQ ID NO: 24
273 <211> LENGTH: 69
274 <212> TYPE: DNA
275 <213> ORGANISM: Homo sapiens
277 <400> SEQUENCE: 24
278 tataagtgta aggagtgtgg gaaagccttc aaccacagct ccaacttcaa taaacaccac      60
279 agaatccac                                                                69
281 <210> SEQ ID NO: 25
282 <211> LENGTH: 23
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 25
287 Tyr Lys Cys Lys Glu Cys Gly Lys Ala Phe Asn His Ser Ser Asn Phe
288   1             5             10             15
289 Asn Lys His His Arg Ile His
290           20
292 <210> SEQ ID NO: 26
293 <211> LENGTH: 69
294 <212> TYPE: DNA
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 26
298 tatgaatgta aggaatgtgg gaaagccttt agtagtggtt caaacttcac tcgacatcag      60
299 agaattcac                                                                69
301 <210> SEQ ID NO: 27
302 <211> LENGTH: 23
303 <212> TYPE: PRT
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 27
307 Tyr Glu Cys Lys Glu Cys Gly Lys Ala Phe Ser Ser Gly Ser Asn Phe
308   1             5             10             15
309 Thr Arg His Gln Arg Ile His
310           20
312 <210> SEQ ID NO: 28
313 <211> LENGTH: 75
314 <212> TYPE: DNA
315 <213> ORGANISM: Homo sapiens
317 <400> SEQUENCE: 28

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/785,632C

DATE: 06/13/2003
TIME: 13:27:16

Input Set : A:\12279-002001.txt
Output Set: N:\CRF4\06132003\I785632C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:68; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:69; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:70; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:71; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:72; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,18,19,20,23,24,25,26,27
Seq#:73; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:74; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:75; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,18,19,20,23,24,25,26,27
Seq#:76; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,15,16,17,18,19,20,21,23,24
Seq#:76; Xaa Pos. 25,26,27
Seq#:77; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23
Seq#:77; Xaa Pos. 24
Seq#:78; Xaa Pos. 3,4,6
Seq#:81; N Pos. 11,17,20
Seq#:82; N Pos. 10,11,16
Seq#:83; Xaa Pos. 4,5,7
Seq#:85; N Pos. 36,39,45,48,51,54
Seq#:88; N Pos. 6,7,8,18,19,20,30,31,32
Seq#:89; N Pos. 11,12,13,23,24,25,35,36,37
Seq#:108; N Pos. 22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:108; N Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59
Seq#:108; N Pos. 60,61,62,63,64,65,66,67,68,69,70,71,72
Seq#:109; N Pos. 22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:109; N Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59
Seq#:109; N Pos. 60,61,62,63,64,65,66
Seq#:150; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:151; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:152; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:153; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
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Seq#:155; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:156; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:157; Xaa Pos. 2,3,4,5,6,8,9,10,11,12,14,17,18,21,22,23,24,25
Seq#:158; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:159; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:160; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:161; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:162; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:163; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:164; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:165; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27
Seq#:166; Xaa Pos. 1,2,4,5,6,7,8,10,11,12,13,14,16,19,20,23,24,25,26,27

VERIFICATION SUMMARY

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:16

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

L:172 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:175 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:200 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:203 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:873 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:877 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:881 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:885 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:68
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
M:341 Repeated in SeqNo=68
L:899 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:903 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:907 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:911 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:69
L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
M:341 Repeated in SeqNo=69
L:925 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:929 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:70
L:933 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:70
L:937 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:70
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
M:341 Repeated in SeqNo=70
L:951 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:955 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:71
L:959 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:71
L:963 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:71
L:964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
M:341 Repeated in SeqNo=71
L:977 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:981 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:985 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:989 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:993 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:72
L:994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:1007 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1011 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1015 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1019 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:73
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
M:341 Repeated in SeqNo=73
L:1033 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1037 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1041 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1045 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:74
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
M:341 Repeated in SeqNo=74
L:1059 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

VERIFICATION SUMMARY

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Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

L:1063 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1067 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1071 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1075 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:75
L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0
M:341 Repeated in SeqNo=75
L:1089 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1093 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1097 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1101 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:76
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0
M:341 Repeated in SeqNo=76
L:1115 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1123 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1127 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1132 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1140 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1145 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1158 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:77
L:1163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
M:341 Repeated in SeqNo=77
L:1182 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78
L:1186 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78
L:1187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:1220 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1224 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:81
L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:1235 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:82
L:1240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:1250 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1254 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1258 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1262 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:83
L:1263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:1285 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1289 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:85
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
L:1318 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:88
L:1323 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
L:1338 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0
L:1573 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

VERIFICATION SUMMARY

DATE: 06/13/2003

PATENT APPLICATION: US/09/785,632C

TIME: 13:27:16

Input Set : A:\12279-002001.txt

Output Set: N:\CRF4\06132003\I785632C.raw

L:1578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0
 M:341 Repeated in SeqNo=108
 L:1589 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:1594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
 M:341 Repeated in SeqNo=109
 L:2180 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0
 M:341 Repeated in SeqNo=150
 L:2206 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0
 M:341 Repeated in SeqNo=151
 L:2232 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0
 M:341 Repeated in SeqNo=152
 L:2258 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0
 M:341 Repeated in SeqNo=153
 L:2284 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
 M:341 Repeated in SeqNo=154
 L:2310 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
 M:341 Repeated in SeqNo=155
 L:2336 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:0
 M:341 Repeated in SeqNo=156
 L:2362 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:0
 M:341 Repeated in SeqNo=157
 L:2388 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:0
 M:341 Repeated in SeqNo=158
 L:2414 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:159 after pos.:0
 L:2440 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2466 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2492 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2518 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2544 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2570 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2596 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
 L:2622 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!